

N61165.AR.005050  
CNC CHARLESTON  
5090.3a

LETTER REGARDING SOUTH CAROLINA DEPARTMENT OF HEALTH AND  
ENVIRONMENTAL CONTROL COMMENTS REGARDING CHICORA TANK FARM SITE VISIT  
CNC CHARLESTON SC  
07/24/1989  
SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

# South Carolina Department of Health and Environmental Control

2600 Bull Street  
Columbia, S.C. 29201

Commissioner  
Michael D. Jarrett



## Board

Toney Graham, Jr., M.D., Chairman  
Henry S. Jordan, M.D., Vice-Chairman  
John B. Pate, M.D., Secretary  
William E. Applegate  
Oren L. Brady, Jr.  
John Hay Burriss  
Euta M. Colvin, M.D.

July 24, 1989

Mr. Reece Batten  
Southern Division  
2155 Eagle Drive  
P.O. Box 10068  
Charleston, SC 29411-0068

Re: Charleston Naval Shipyard (CNS)  
NSC Tank Farm - Chicora Tank Farm  
Charleston County

Dear Mr. Batten:

A site inspection at the referenced facilities was conducted on July 14, 1989. Per our phone conversation on July 17, 1989, and as a result of the site visit, the following comments are provided:

## NSC Tank Farm

- 1) Three aboveground tanks (3P-J, 3900-G, 3900-H) have been removed at this site. Since these tanks were not designated as SWMU's during the RFA, the Ground-Water Protection Division (GWPD) will provide the technical review for any additional assessment/remediation.
- 2) The recommendation by Southern Division to remove the areas of contaminated soil is appropriate. The GWPD recommends that the contaminated soil be removed as expeditiously as possible to limit leaching of contaminants to the ground-water (in coordination with Harold Seabrook - BSHWM, and Trident District EQC).
- 3) Since the most current ground-water quality data is from analyses dated May, 1987, the resampling of all monitor wells for total petroleum hydrocarbons (TPH) and the previously detected polynuclear aromatic hydrocarbons (PAH's) is recommended.
- 4) Soil borings SB-2 and SB-8, located in the middle of the concrete pads for tanks 3900-G and H, are still open and should be properly abandoned (completely filled with cement grout). An oily product was observed on top of the water in the open soil borings.

Mr. Reece Batten  
July 24, 1989  
Page 2

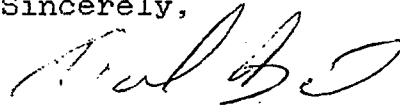
Chicora Tank Farm

- 1) Free product was observed in the sumps (used to lower the water table and drain water away from the tanks at this site), and the sides of the tanks inspected were covered with an oily product from seepage from the tanks.

Please submit a copy of the proposed work plan to assess the soil/ground-water impact at this site for technical review and comment.

Thank you for your cooperation in addressing these problems at the CNS. If you have any questions, please call me at 734-5329.

Sincerely,



David Baize, Hydrogeologist  
Assessment and Development Section  
Ground-Water Protection Division

DB/dwb  
RB.TXT

cc: Alan Shoultz  
CNS

Trident District EQC

Harold Seabrook  
BSHWM

Joe Bowers  
BSHWM